

IN THE CLAIMS:

1-12. (Canceled)

13. (Original) A method for generating power across a rotatable joint, the rotatable joint having first and second rotatable elements rotatably disposed relative to each other, the method comprising:

providing a heat source with an output of radiation in a predetermined spectrum in the first rotatable element;

generating a first portion of the power from the absorption of the radiation from the first rotatable element to the second rotatable element; and

generating a second portion of the power from a temperature difference between a first element heated by the heat source and disposed on the second rotatable element and a second element disposed on the second rotatable element and at least partially thermally insulated from the first element.

14. (Original) The method of claim 13, further comprising cooling the second element.

15. (Original) The method of claim 14, wherein the cooling generates a hot air byproduct.

16. (Original) The method of claim 15, wherein one of the first and second elements has an interior, the method further comprising heating the interior at least partially with the hot air byproduct.

17. (Original) The method of claim 13, the generating of the first portion of the power comprises heating a secondary material to give off visible light.

18. (Original) The method of claim 17, further comprising heating the secondary material such that it glows in a spectrum that is most efficient for the generating of the first portion of the power.

19-27. (Canceled)